

Message

From: Albright, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=8C24CAABEA47449C95C94ACB6AC1C49E-DALBRIGH]
Sent: 12/20/2019 5:26:16 PM
To: McEvoy, Molly [mcevoy.molly@epa.gov]
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Molly, I think just Calvin and me at this point. Thanks, David

From: McEvoy, Molly <mcevoy.molly@epa.gov>
Sent: Friday, December 20, 2019 9:25 AM
To: Albright, David <Albright.David@epa.gov>
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

David,

We will need to create GSDT accounts for everyone in Region 9 who will be working on these permits. I assume you and Calvin. Is there anyone else?

I'm currently the permit writer for the CES project in the GSDT since I'm the default. Who in the region would you like to be assigned this role? It can be more than one person, and we can change this later if need be. Permit writers in the GSDT have the ability to create, edit, and delete draft permit documents. All EPA users have the ability to review information submitted by the applicant and no one can edit that data. Please let me know if you have any questions.

Thanks,
Molly

From: Albright, David <Albright.David@epa.gov>
Sent: Friday, December 20, 2019 12:00 PM
To: McEvoy, Molly <mcevoy.molly@epa.gov>
Cc: Bates, William <bates.william@epa.gov>
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Great, thanks Molly. Let me call them and I'll set something up.

From: McEvoy, Molly <mcevoy.molly@epa.gov>
Sent: Friday, December 20, 2019 8:56 AM
To: Albright, David <Albright.David@epa.gov>
Cc: Bates, William <bates.william@epa.gov>
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi David,

That was fast. I'm happy to join the call and am available anytime today. I'm also working next Monday and Thursday, so if there are any questions I can't answer on the spot about the GSDT, I can look into them follow-up next week.

Thanks,
Molly

From: Albright, David <Albright.David@epa.gov>

Sent: Friday, December 20, 2019 11:45 AM

To: McEvoy, Molly <mcevoy.molly@epa.gov>

Subject: FW: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi Molly, I know this is short notice, but given they are preparing to submit something as early as this week (this timing was news to me), I'd like to try to reach back out to them today and would appreciate having you on the call if that is possible. I'm pretty flexible on timing today, and will be out on leave the next two weeks.

Thanks!

David

From: Rebecca Hollis <rhollis@cleanenergysystems.com>

Sent: Thursday, December 19, 2019 10:47 PM

To: Albright, David <Albright.David@epa.gov>

Cc: Wayne Rowe <rowe5@slb.com>

Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hello David,

I hope this email finds you well.

Since we last met in October, we have been working diligently toward the submission of a Class VI UIC permit application for our first "BioCCS" project in California. Our partners at Schlumberger have led these efforts, using public and purchased data in the area surrounding the Mendota site, located in Fresno county.

Thank you again for your support in getting us initial access to the EPA GS Data Tool site. We were able to download the necessary forms/templates and have now completed the Narrative and Attachments A through H. We are planning to upload the documents to the site this week but have a few questions and items we would like to run by you first. Do you and your team have some time tomorrow (Friday, 20-Dec) or Monday (23-Dec) to discuss?

We have a few questions on the mechanics of uploading the documents to the EPA site but also would like to review the process approach. As I mentioned, the application documents were prepared using public and purchased pre-existing data from the area immediate surrounding the proposed site. It is our hope and expectation that the documents be reviewed as soon as practicable. Per our discussion, we expect questions, clarifications, and/or additional requests from EPA on the application material, and will work to resolve them as quickly as possible. Once EPA determines the requests are satisfied and deemed suitable, it is my understanding that a pre-permit, or conditional permit, is awarded that will be contingent upon additional site specific data acquired during the Pre-Construction/Pre-Operational Phase(s) of the project. The data should substantiate and validate all key assumptions. The data will then be used to update as necessary the information and analyses provided in the Pre- Construction application.

I'll stop for now but wanted to give you sense of what we'd like to cover on the call. I think it can be short and we can be flexible on a start time. So please just let us know your availability.

Thank you again and best regards,

-Rebecca

Rebecca Hollis

Director Business Development -


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Rancho Cordova, CA 95670

Office: 916-638-7967

Mobile: 916-798-4114

rhollis@cleanenergysystems.com

The Power to Reverse Climate Change

From: Albright, David <Albright.David@epa.gov>

Sent: Thursday, October 3, 2019 10:19 AM

To: Rebecca Hollis <RHollis@CleanEnergySystems.com>

Cc: Wayne Rowe <rowe5@slb.com>

Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Sounds great, Rebecca. I look forward to the discussion.

Thanks,

David

David Albright

Manager, Groundwater Protection Section

USEPA Region 9 (WTR-4-2)

75 Hawthorne Street

San Francisco, CA 94105

415 972-3971

From: Rebecca Hollis <RHollis@CleanEnergySystems.com>

Sent: Thursday, October 3, 2019 10:11 AM

To: Albright, David <Albright.David@epa.gov>

Cc: Wayne Rowe <rowe5@slb.com>

Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Great. Thanks David.

I'll send out a calendar invite for the 17th and set up a WebEx. Feel free to forward to members of your team. I will reserve our conference room starting at 9:30 am but we can be flexible on a start time. I think an hour should be enough time, but will hold the room for a few hours just in case. If there is time after the meeting, we have some hardware in our shop you can take a look at – components from our pressurized oxy-combustors.

Please let me know if you have any questions or need anything in the meantime.

Best Regards,

-Rebecca

Rebecca Hollis

Director Business Development -


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The Power to Reverse Climate Change

From: Albright, David [<mailto:Albright.David@epa.gov>]

Sent: Tuesday, October 01, 2019 4:41 PM

To: Rebecca Hollis

Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

That sounds good. I can meet at 9:30/10am on Oct 17th. If possible, it would be nice to conference in a couple of my staff. Thanks, David

David Albright

Manager, Groundwater Protection Section

USEPA Region 9 (WTR-4-2)

75 Hawthorne Street

San Francisco, CA 94105

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From: Rebecca Hollis <RHollis@CleanEnergySystems.com>

Sent: Monday, September 30, 2019 3:43 PM

To: Albright, David <Albright.David@epa.gov>; Wayne Rowe <rowe5@slb.com>

Cc: Basinger, David <Basinger.David@epa.gov>; Coffman, Joel <Coffman.Joel@epa.gov>; Dermer, Michele <Dermer.Michele@epa.gov>; Ho, Yenhung <Ho.Yenhung@epa.gov>; Rumrill, Nancy <Rumrill.Nancy@epa.gov>

Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi David,

I spoke with Wayne today and we like the idea of meeting in Sacramento on Thursday, 17-Oct, before your afternoon meeting with the state. We can meet at our CES' offices in Rancho Cordova, just east of Sacramento; only about a 20-30 minute drive from downtown depending on traffic.

Otherwise, we plan to meet with the national labs earlier in the week (LBNL and LLNL) so could do a meeting at your SF office – say on the 16th of October – if that would work better for you and the team.

Let us know your thoughts.

Thanks again,

-Rebecca

Rebecca Hollis

Director Business Development -

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rhollis@cleanenergysystems.com

From: Rebecca Hollis
Sent: Friday, September 27, 2019 10:06 AM
To: 'Albright, David'; Wayne Rowe
Cc: Basinger, David; Coffman, Joel; Dermer, Michele; Ho, Yenhung; Rumrill, Nancy
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi David,

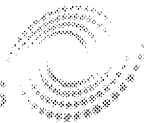
Thank you for the prompt response. You are correct. I did receive a bounce back from George's email address.

No problem waiting until the week of 7-Oct (or later) for an update meeting. Let me double check with Wayne – as he may be traveling to California in mid-October – and get to you with a few proposed dates.

Thank you again and looking forward to speaking again soon.

Kind Regards,
-Rebecca

Rebecca Hollis
Director Business Development -


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The Power to Reverse Climate Change

From: Albright, David [<mailto:Albright.David@epa.gov>]
Sent: Wednesday, September 25, 2019 3:09 PM
To: Rebecca Hollis; Wayne Rowe
Cc: Basinger, David; Coffman, Joel; Dermer, Michele; Ho, Yenhung; Rumrill, Nancy
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi Rebecca,
Thanks for the email message. You may have gotten a return email reflecting that George Robin has left EPA. He retired in March of this year.

As for a meeting, we could probably not do anything before the week of Oct 7th. Alternatively, I will be in Sacramento on Oct 17th for an afternoon meeting with the state, so we could arrange something for that morning (and patch in my staff by phone or webinar). Let me know your preference.

Thanks,
David

David Albright

Manager, Groundwater Protection Section
USEPA Region 9 (WTR-4-2)
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From: Rebecca Hollis <RHollis@CleanEnergySystems.com>
Sent: Wednesday, September 25, 2019 2:37 PM
To: Robin, George (Separated 3/4/19) <Robin.George@epa.gov>; Wayne Rowe <rowe5@slb.com>
Cc: Albright, David <Albright.David@epa.gov>; R9-Deep <R9Deep@epa.gov>
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hello George,

I hope this email finds you well.

It has been some time since we last spoke about our (Clean Energy Systems') "BioCCS" plants and plans to deploy them in California. It turns out it takes longer to raise funds than we had planned. So unfortunately the project was stalled for several months until we secured the necessary resources.

The good news is we have received initial development funding and have formally kicked off activities to deploy our first Carbon Negative Energy plant in California. We are also in the process of securing additional sites that will allow us to take advantage of economies of scale in subsequent deployments. Note the plants are replicable and scalable, and will initially be deployed on a retrofit basis, making use of existing idled facilities. This is briefly summarized in the attached presentation – very similar to the deck I sent last fall.

We are also happy to announce Schlumberger has officially joined our development team and will be supporting activities associated with CO2 storage. This includes everything from preliminary site screening to developing EPA Class VI injection permit materials. They have been involved with other Class VI wells in the United States so we have high confidence in the team and for the projects in general.

Wayne Rowe, who you may already know, is leading the Schlumberger team. I wanted to introduce you to Wayne, copied here, and potentially set up a meeting in the coming weeks. I would like to update you and the EPA staff on our CCS deployment efforts and plans (as they have changed slightly since last year) as well as give Wayne a chance to introduce himself and discuss Class VI permitting activities in more detail, and of course, some Q&A. Is this something you would be able to support? If so, could you please let us know some days/times that work for you. Since we are located near Sacramento, I would be happy to travel down to your offices in San Francisco for an in person visit – potentially in early October.

Thank you again for your time and consideration. We are all excited to finally be moving on these projects and are looking forward to supporting carbon removal across the state!

Best Regards,
-Rebecca

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Director Business Development -



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The Power to Reverse Climate Change

From: Robin, George [<mailto:Robin.George@epa.gov>]
Sent: Thursday, October 25, 2018 2:32 PM
To: Rebecca Hollis
Cc: Joshua Perron; Keith Pronske; Robin, George; Albright, David; R9-Deep
Subject: RE: (Pre-Application Phase) Clean Energy Systems_Info on EPA Class VI permit application for "BioCCS" projects

Hi Rebecca,

Yes, I remember discussing with Jean.

We are looking over your presentation and will also provide you with dates of availability for conference calling.

In the meantime, please consider becoming familiar with the material at the following sites during this Pre-Application Phase:

- Final Class VI Guidance Documents
<https://www.epa.gov/uic/final-class-vi-guidance-documents>
- GS Data Tool Registration Form
https://epa.velo.pnnl.gov/share/res/Registration_Form.pdf

Sincerely,
George
George Robin (robin.george@epa.gov)
Engineer, Underground Injection Control

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